



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

08/19/2011

Lauren Greene
Assistant District Attorney, Suffolk County

Dear ADA Greene,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan, and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

DRUG RECEIPT

CC # _____

BOOK # _____

PAGE # _____

DESTRUCTION # _____

District/Unit _____

Name & Rank of Arresting Officer _____

ID# _____

DEFENDANT'S NAME

ADDRESS

CITY

STATE

BOSTON

MA

BOSTON

MA

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTANALYSIS
NUMBER

HEROIN

1 p/B

1.60g

HEROIN

11 p/B's

3.39g

HEROIN

2 p/B's

2.40g

To be completed by ECU personnel only

Name and Rank of Submitting Officer _____

ID# _____

Received by _____

Date _____

ECU Control # _____

No. [REDACTED] Date Analyzed: 2/14/11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 02/09/2011 No. Analyzed:
Gross Wt.: 1.60 Net Weight: 0.08
Tests: 5 ASD
• 2CAC
Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 2/14/11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 11 Cont: pb
Date Rec'd: 02/09/2011 No. Analyzed: 2
Gross Wt.: 3.39 Net Weight: 0.63
Tests: 10 ASD
• 4CAC
Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 2/14/11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: A: 2 B: 1 Subst: SUB
No. Cont: 2/3 Cont: pb
Date Rec'd: 02/09/2011 No. Analyzed:
Gross Wt.: 2.40 Net Weight: A: 0.55
Tests: 15 ASD B: 0.08
• 6CAC
Prelim: A: Heroin Findings: A = Heroin
B: Cocaine B = Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ASJ

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

Beige powdered substance
in pb

Gross Wt (): 0.1838

Gross Wt ():

Pkg. Wt:

Net Wt: 0.0859

double bagged

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis +

Froehde's +

Mecke's +

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

GCT

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 2-10-11

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR KAC

DATE 2-14-11

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ASJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

Beige powdered substance
in 11 pkgs

Gross Wt (1): 1.8184

Gross Wt (2): 0.3166

Pkg. Wt:

Net Wt:

double bagged

PRELIMINARY TESTS

Spot Tests

2 Cobalt
Thiocyanate (+)
2 Marquis +
2 Froehde's +
2 Mecke's +

Microcrystalline Tests

Gold
Chloride
TLTA ()

OTHER TESTS

26 C4

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 2-10-11

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR KAC

DATE 2-14-11

Sample #: [REDACTED]

samples tested: 2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.1701	X	0.0631	26			
2	0.1478		0.0527	27			
3				28			
4			0.1158/2	29			
5			0.0579(11)	30			
6		=	0.6369	31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

① Beige powdered substance
in pbs

double bagged

Gross Wt (2): 0.9809

Gross Wt ():

Pkg. Wt:

Net Wt:

② Beige powdered substance
in pbs

upon opening pb -> contained 2 pbs

① Brown (Beige) powdered substance
in pbs.

② white powdered substance in pbs

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate ()	<u>2A</u>	<u>B</u>
	<u>+</u>	<u>+</u>
Marquis	<u>+</u>	<u>-</u>
Froehde's	<u>+</u>	<u>-</u>
Mecke's	<u>+</u>	<u>-</u>

Microcrystalline Tests

Gold Chloride	<u>B</u>
	<u>+</u>
TLTA ()	<u>+</u>

OTHER TESTS

2 GC (A) & B = +

PRELIMINARY TEST RESULTS

RESULTS ① Heroin ② Cocaine

DATE 02-10-11

GC/MS CONFIRMATORY TEST

RESULTS ① Heroin ② Cocaine

MS OPERATOR CAC

DATE 2-14-11

Sample #: [REDACTED]

samples tested: 3

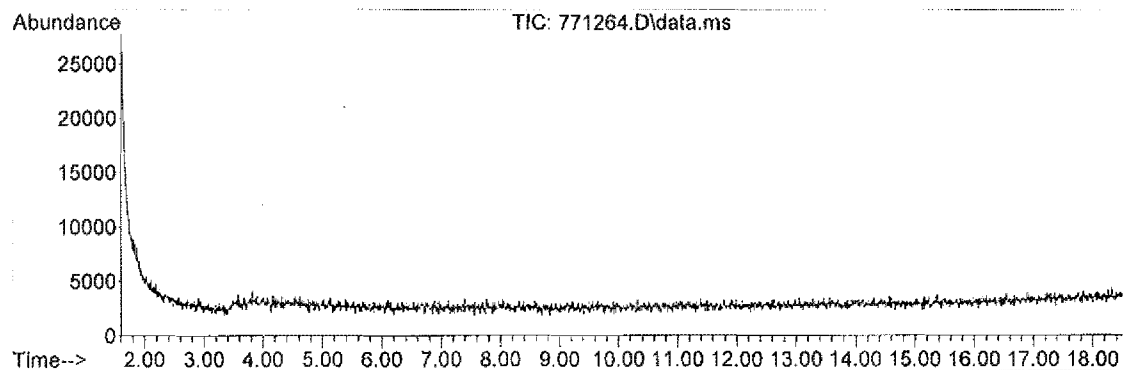
#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.4188		0.2799	26			
2	0.5562	ASD		27	0.55	net wt	
3	0.3751		0.2772	28			
4				29			
5				30			
6	0.1264	X	0.0860	31	→ net wt		
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771264.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 9:04
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 1
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



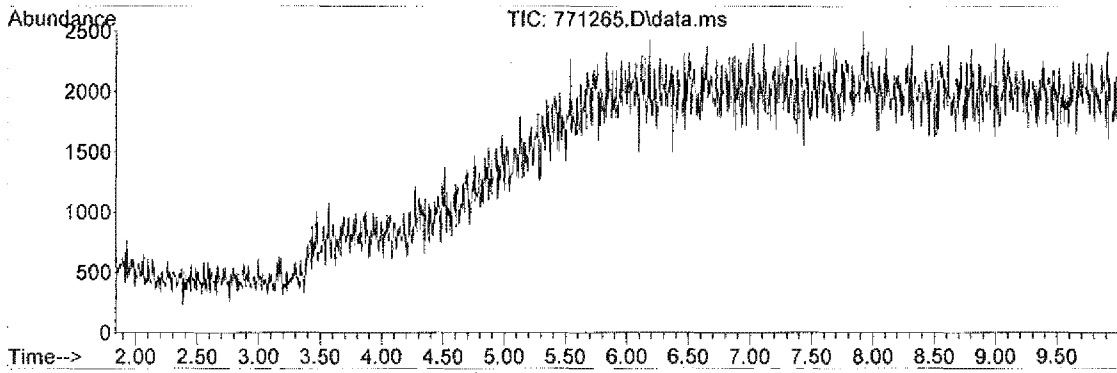
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771265.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 9:26
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



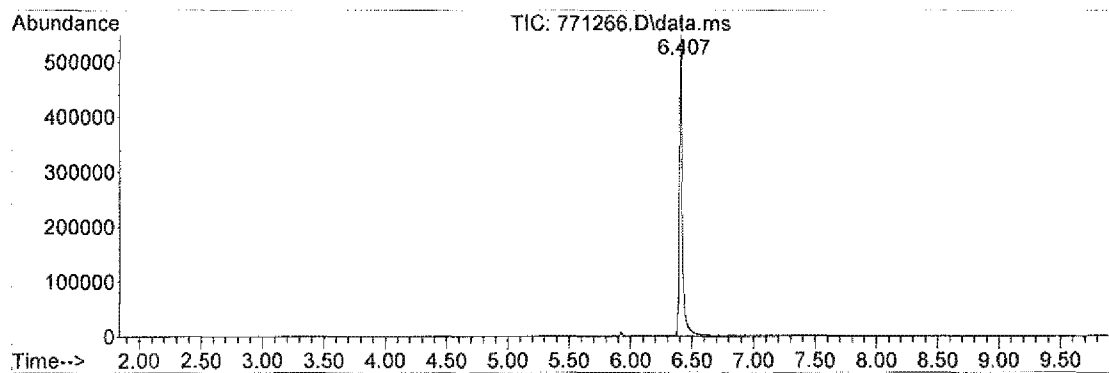
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771266.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 9:38
 Sample Name : HEROIN STD
 Submitted by : ASD
 Vial Number : 66
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.407	910597	100.00	100.00

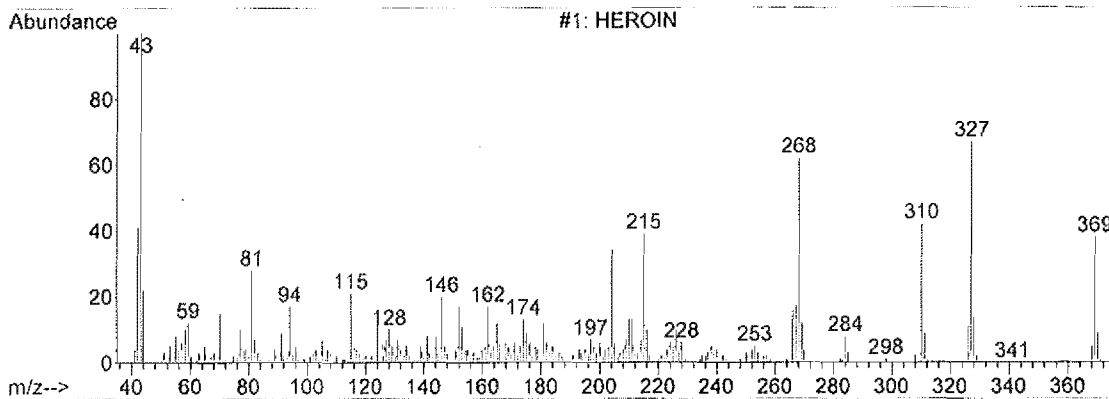
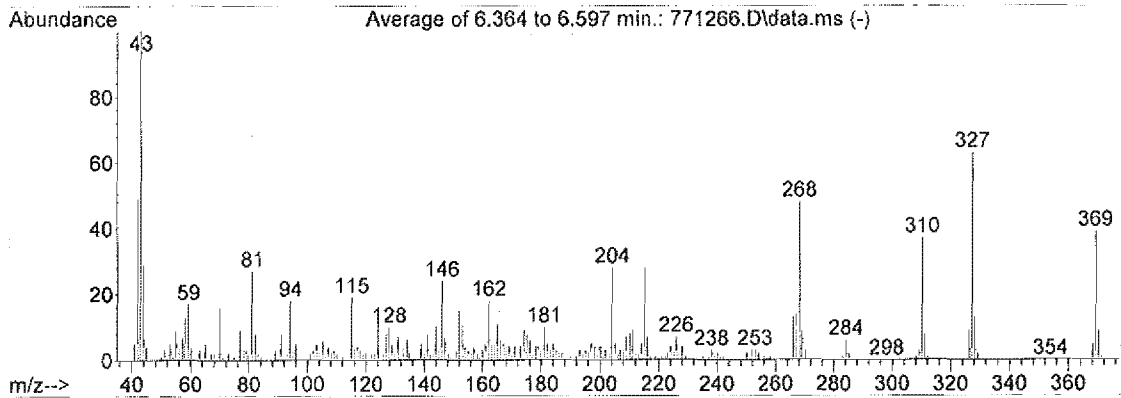
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771266.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 9:38
 Sample Name : HEROIN STD
 Submitted by : ASD
 Vial Number : 66
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

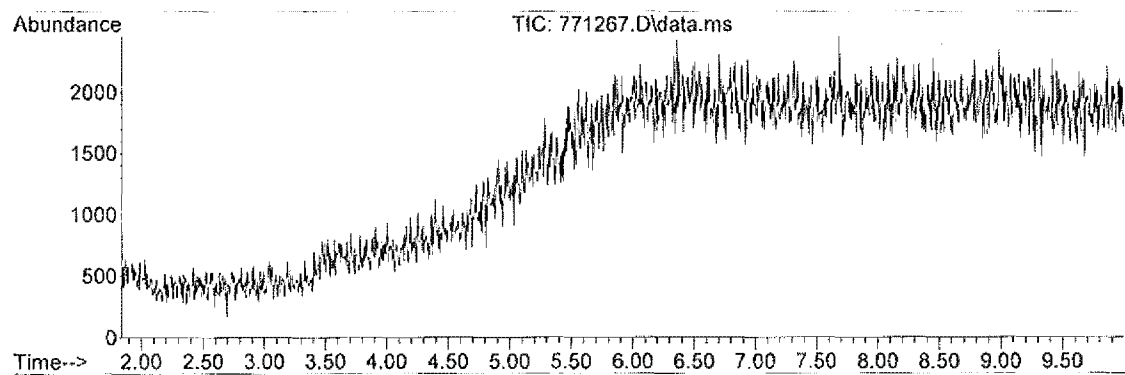
PK#	RT	Library/ID	CAS#	Qual
1	6.41	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771267.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 9:51
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



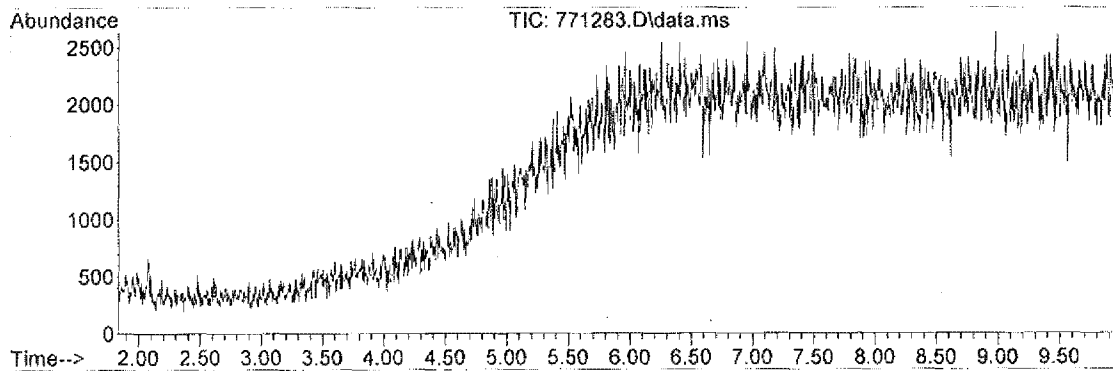
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771283.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 13:11
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



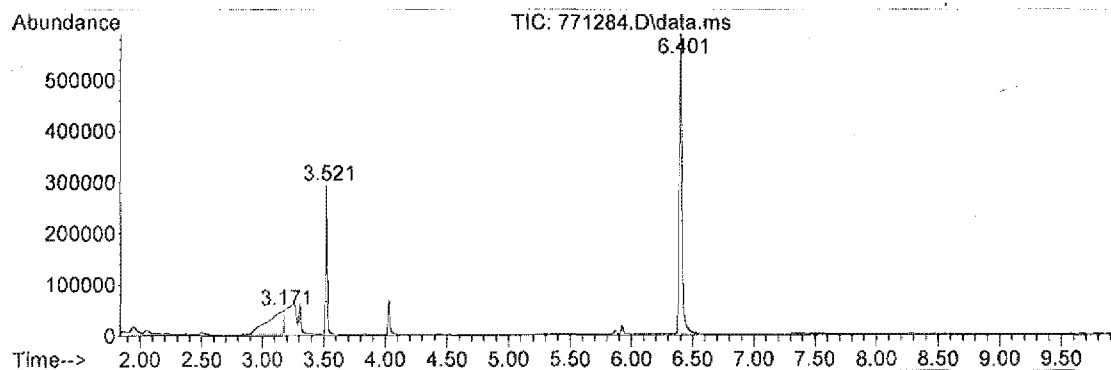
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771284.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 13:23
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 84
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.171	428949	27.01	47.45
3.521	255227	16.07	28.23
6.401	904087	56.92	100.00

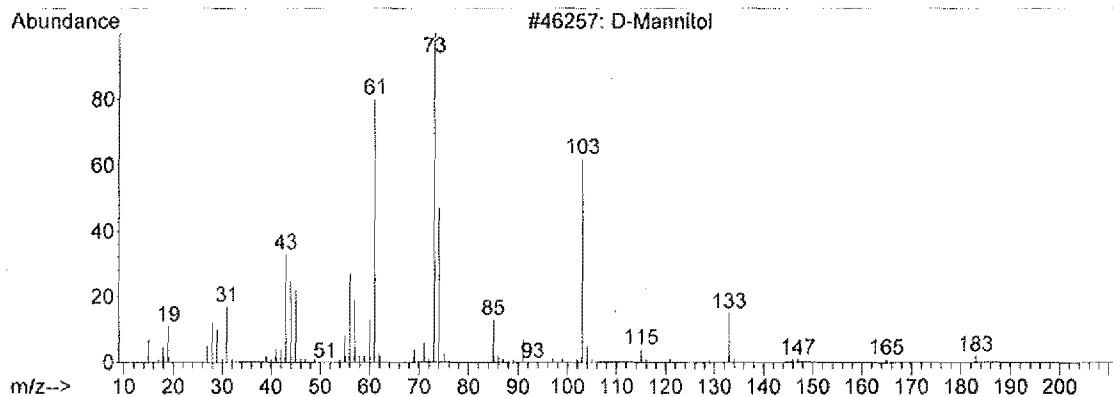
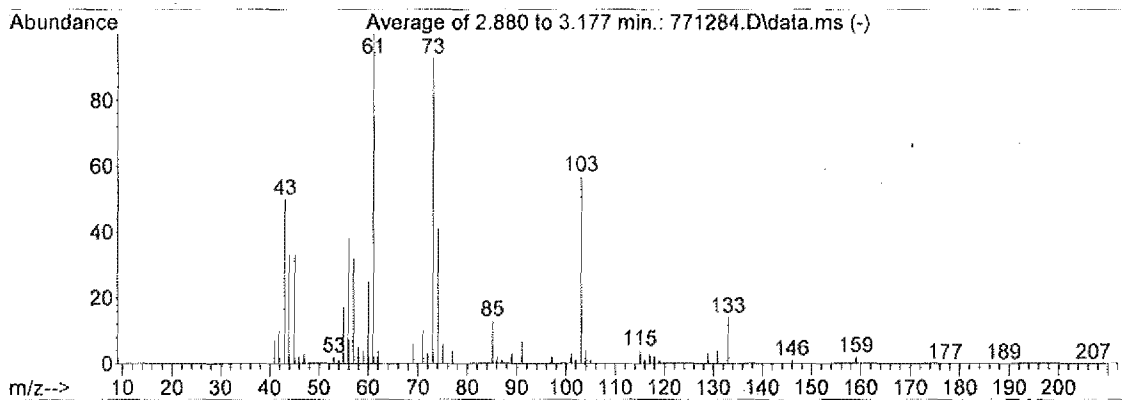
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771284.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 13:23
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.17	C:\Database\NIST08.L		
		D-Mannitol	000069-65-8	83
		D-Mannitol	000069-65-8	83
		Sorbitol	000050-70-4	83



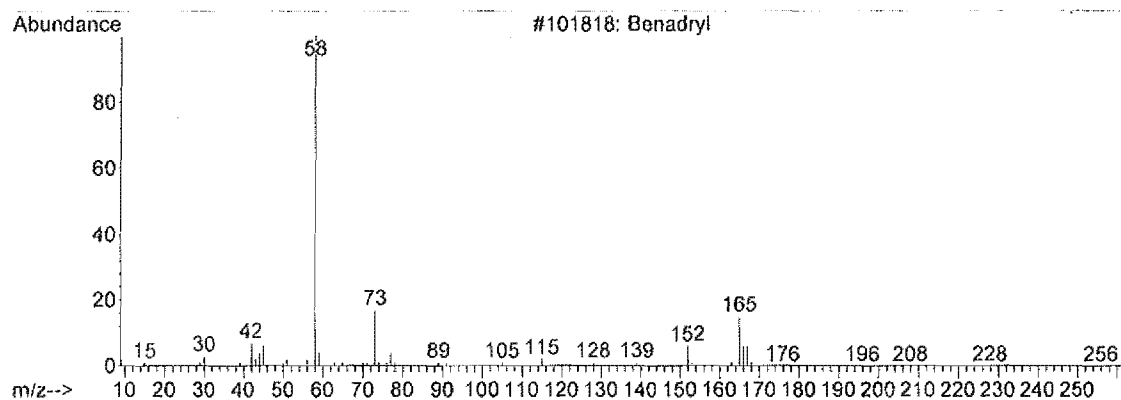
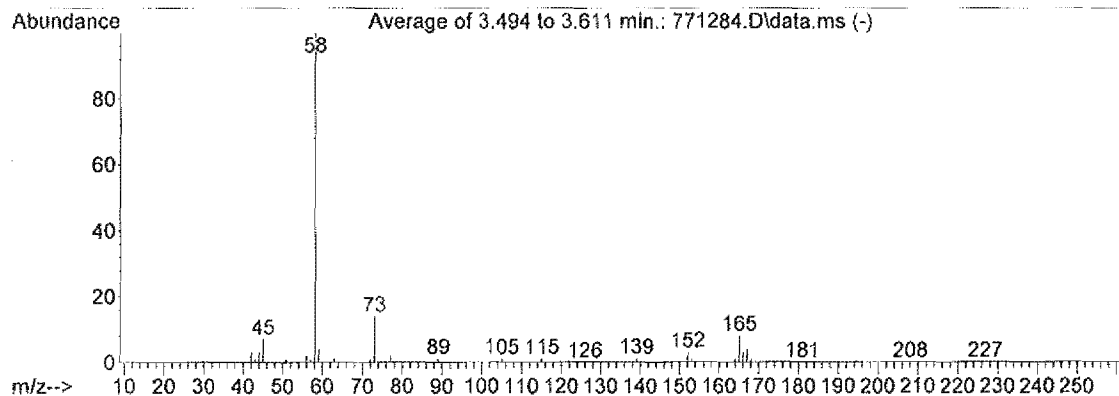
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771284.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 13:23
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 84
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.52	C:\Database\NIST08.L		
		Benadryl	000058-73-1	83
		Orphenadrine	000083-98-7	78
		Bromdiphenhydramine	000118-23-0	64



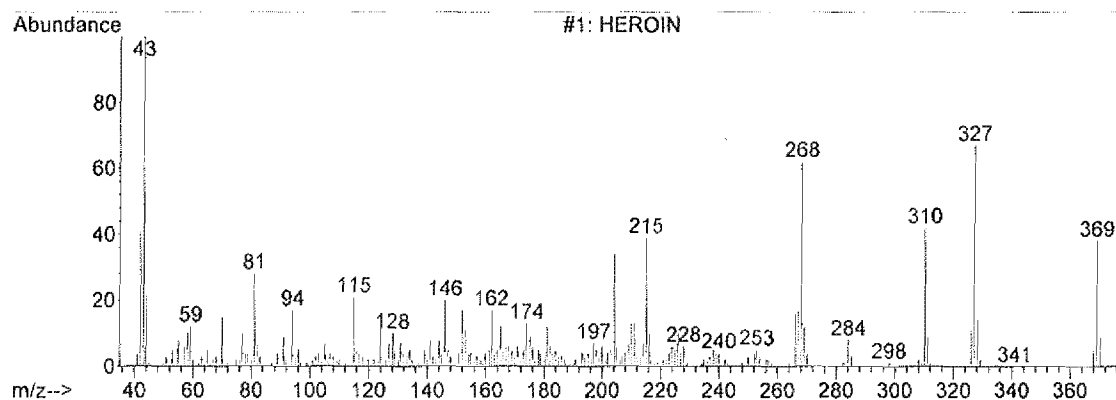
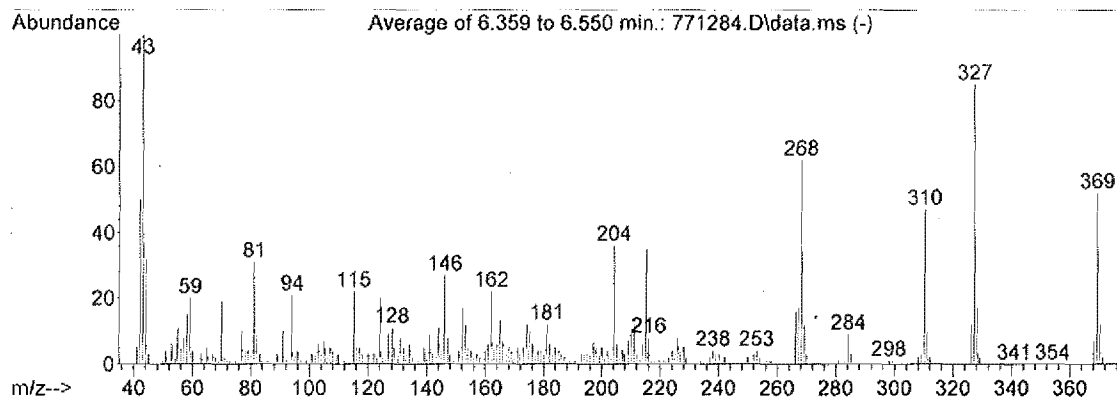
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771284.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 13:23
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 84
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

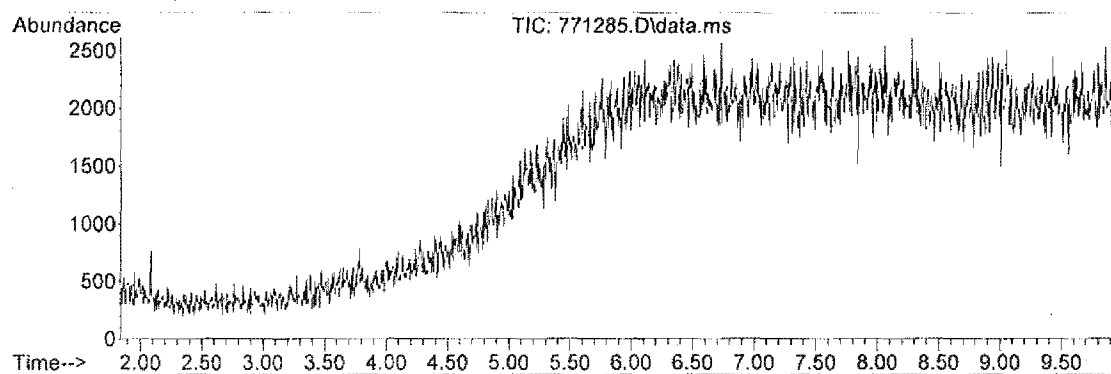
PK#	RT	Library/ID	CAS#	Qual
3	6.40	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771285.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 13:36
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



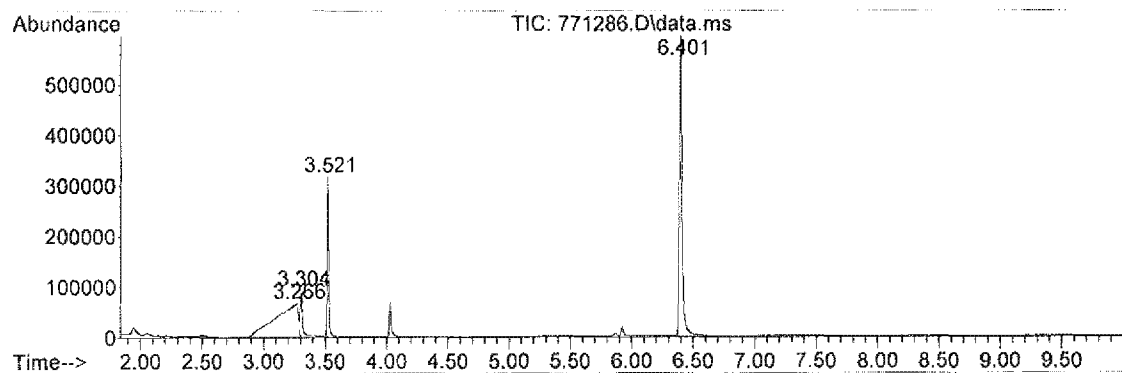
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771286.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 13:48
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 86
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.266	839209	39.36	91.97
3.304	104076	4.88	11.41
3.521	276652	12.97	30.32
6.401	912469	42.79	100.00

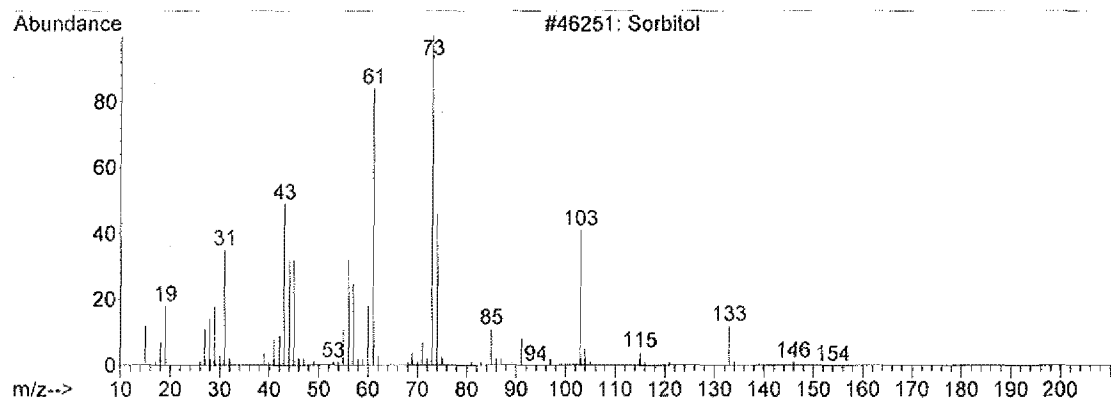
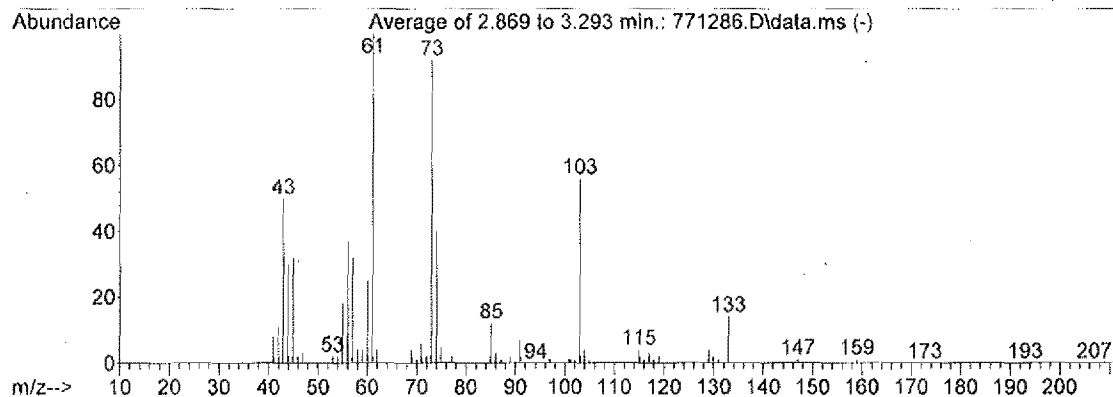
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771286.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 13:48
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 86
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.27	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		D-Mannitol	000069-65-8	83
		Sorbitol	000050-70-4	80



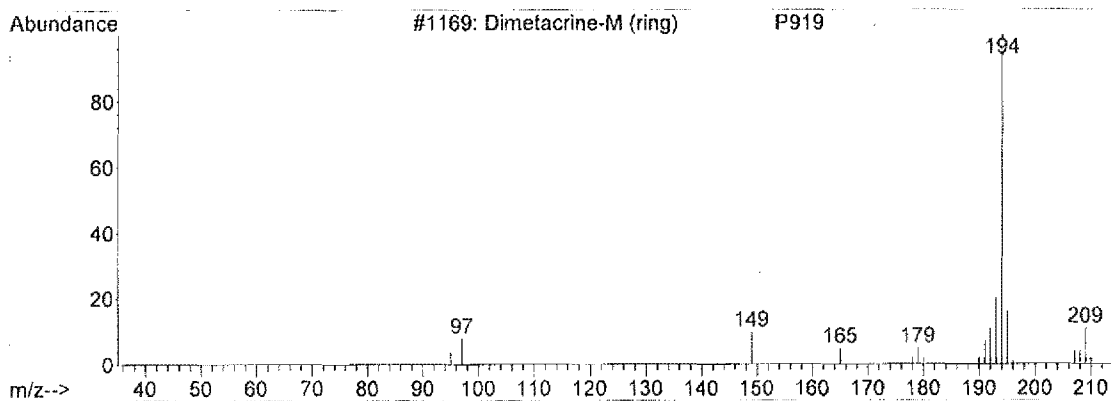
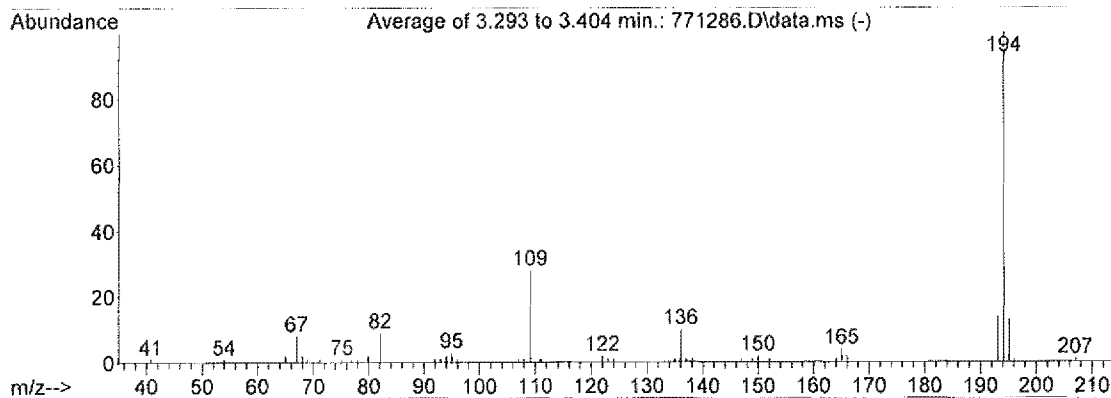
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771286.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 13:48
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 86
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.30	C:\Database\PMW_TOX2.L		
		Dimetacrine-M (ring)	006267-02-3	42
		Pentifylline-M -H2O isomer-1	000000-00-0	9
		Mescaline AC	000000-00-0	4



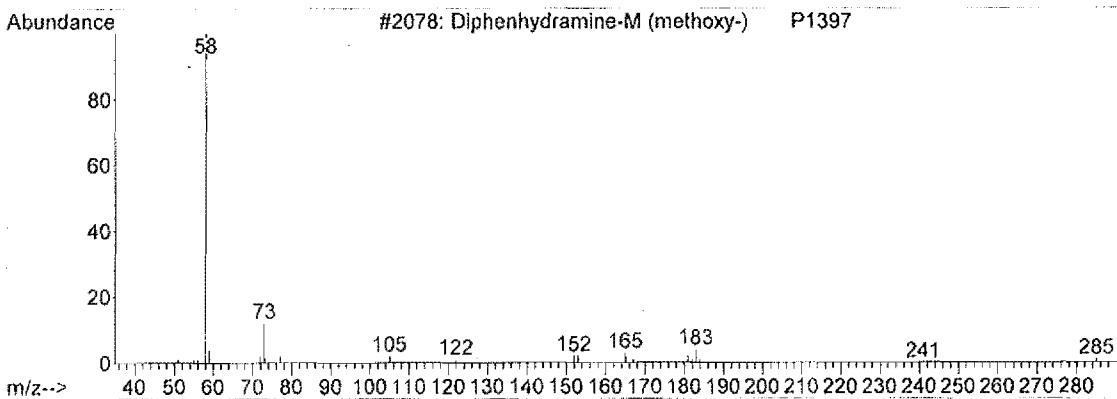
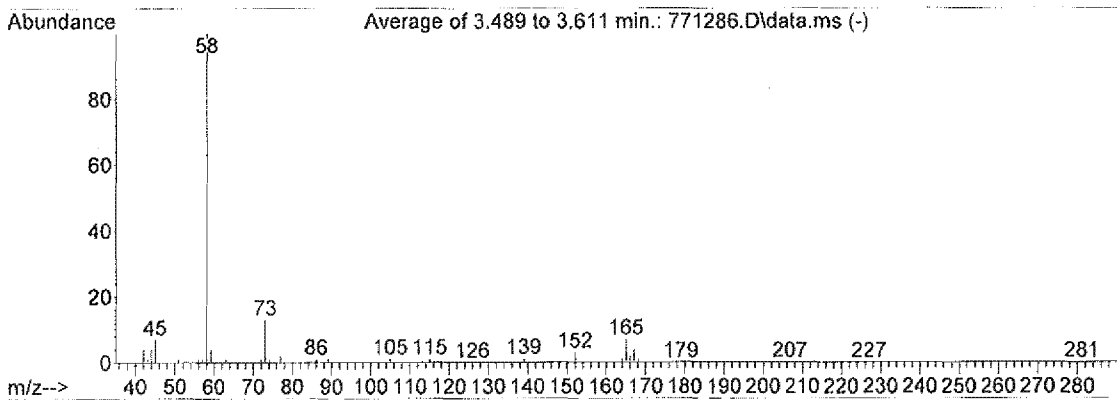
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771286.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 13:48
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 86
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.52	C:\Database\PMW_TOX2.L		
		Diphenhydramine-M (methoxy-)	000000-00-0	64
		Diphenhydramine	000058-73-1	47
		Chlorphenoxamine-M (HO-)	000000-00-0	9



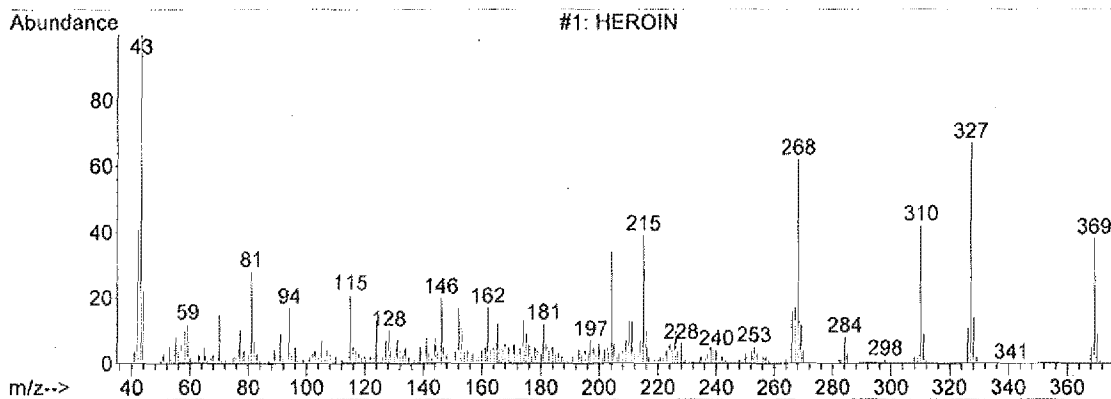
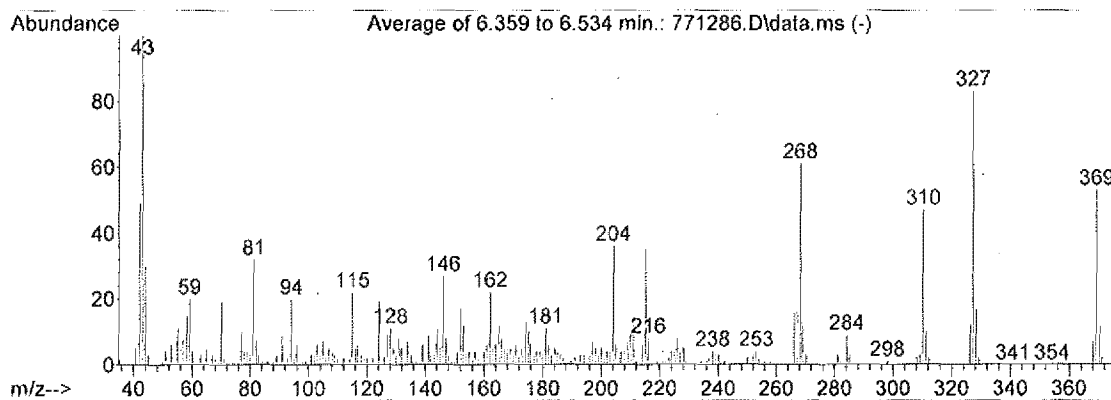
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771286.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 13:48
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 86
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

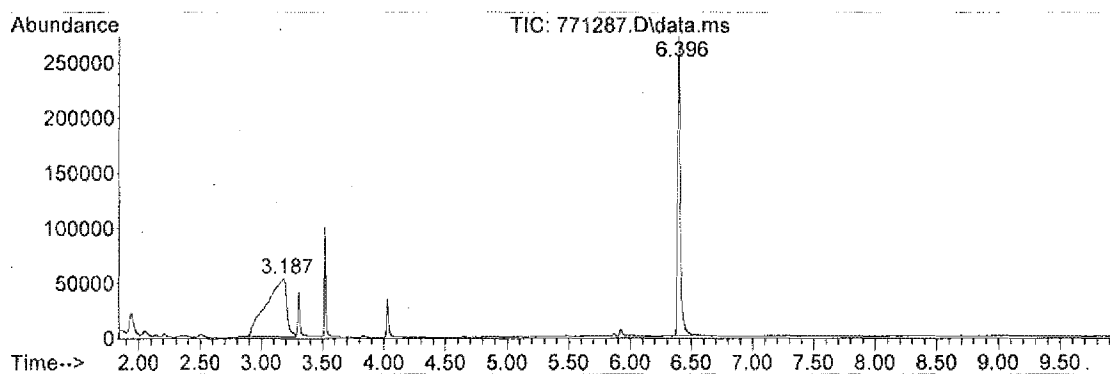
PK#	RT	Library/ID	CAS#	Qual
4	6.40	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771287.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 14:00
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 87
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.187	615014	59.19	100.00
6.396	423976	40.81	68.94

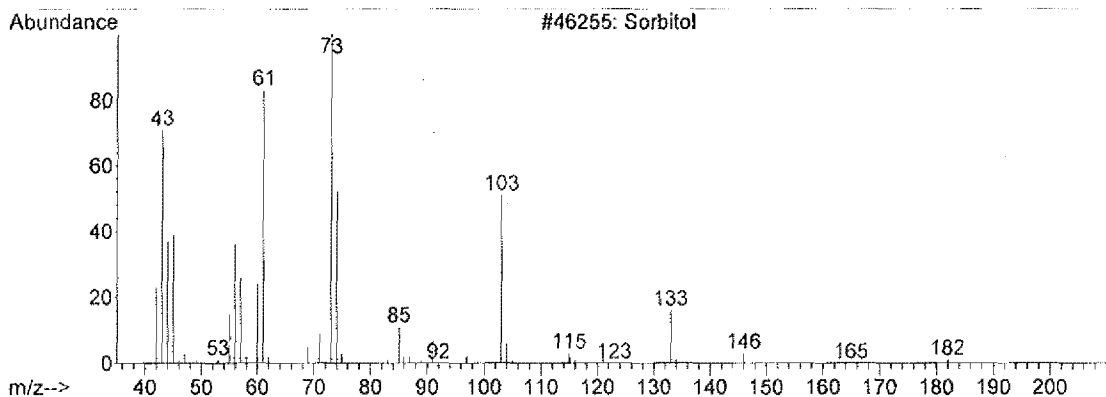
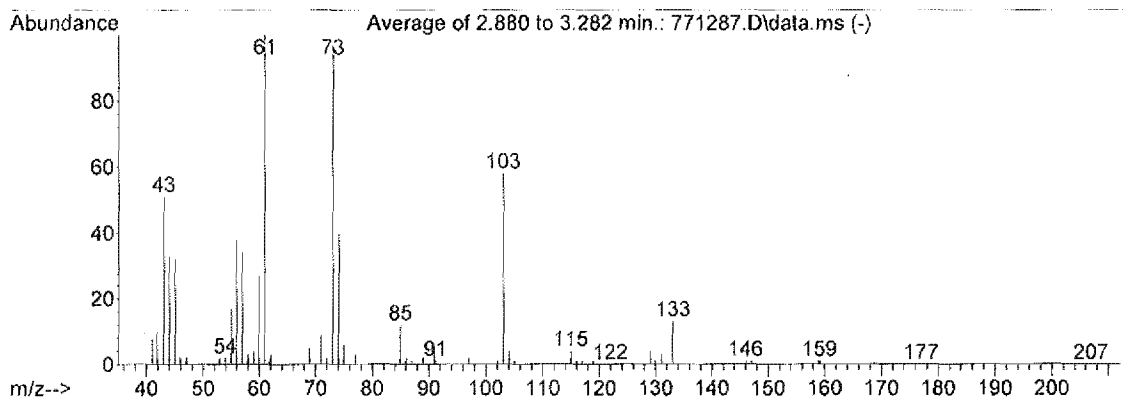
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771287.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 14:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 87
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.19	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	80
		Sorbitol	000050-70-4	72
		Sorbitol	000050-70-4	72



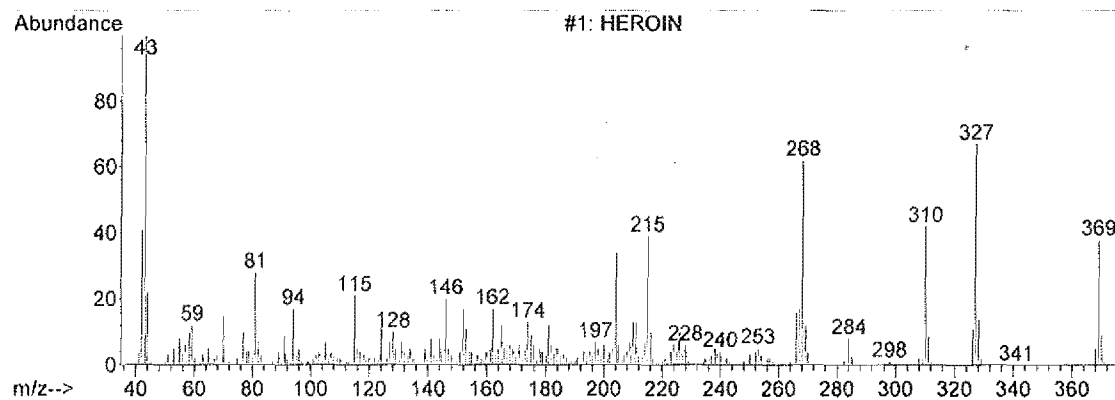
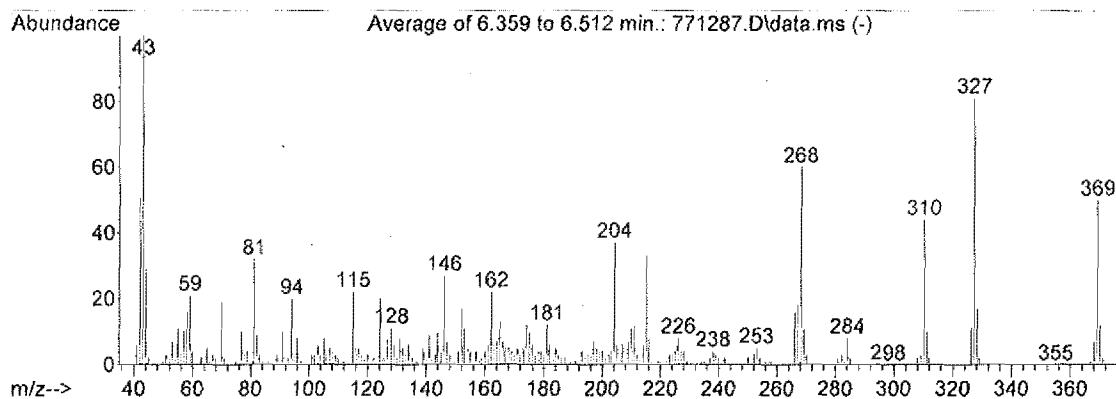
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771287.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 14:00
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 87
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

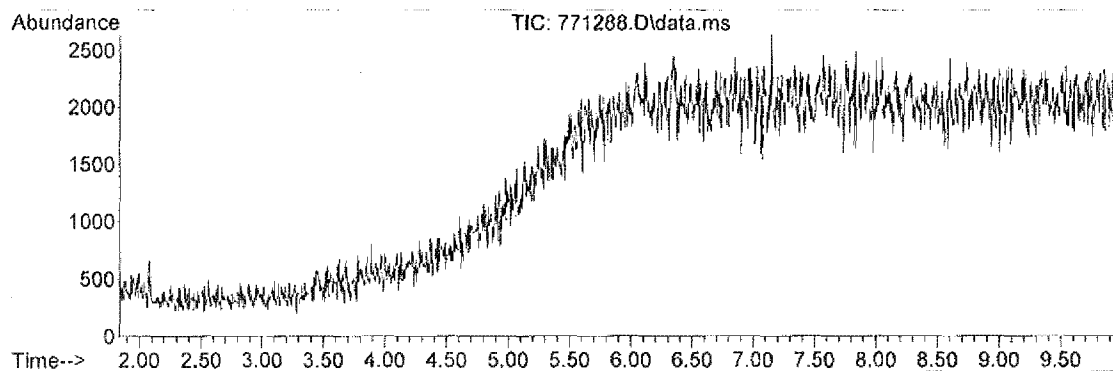
PK#	RT	Library/ID	CAS#	Qual
2	6.40	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771288.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 14:13
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



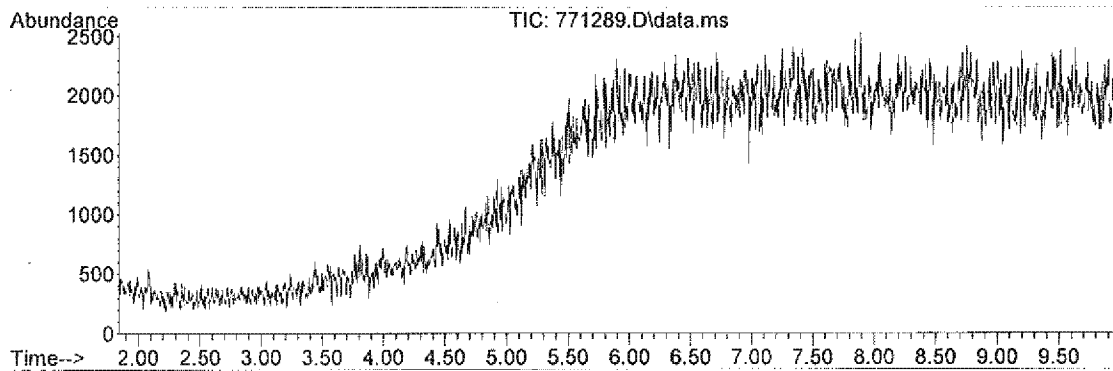
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771289.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 14:26
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



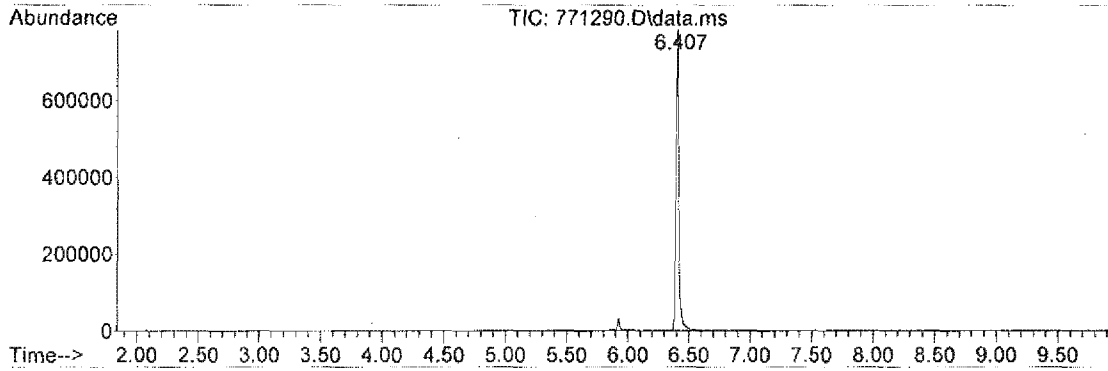
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771290.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 14:38
 Sample Name : HEROIN STD
 Submitted by : ASD
 Vial Number : 66
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.407	1265659	100.00	100.00

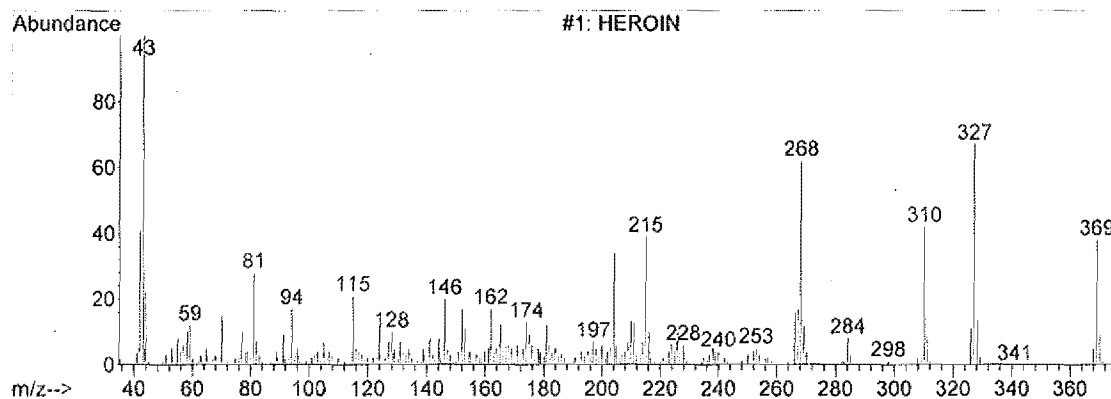
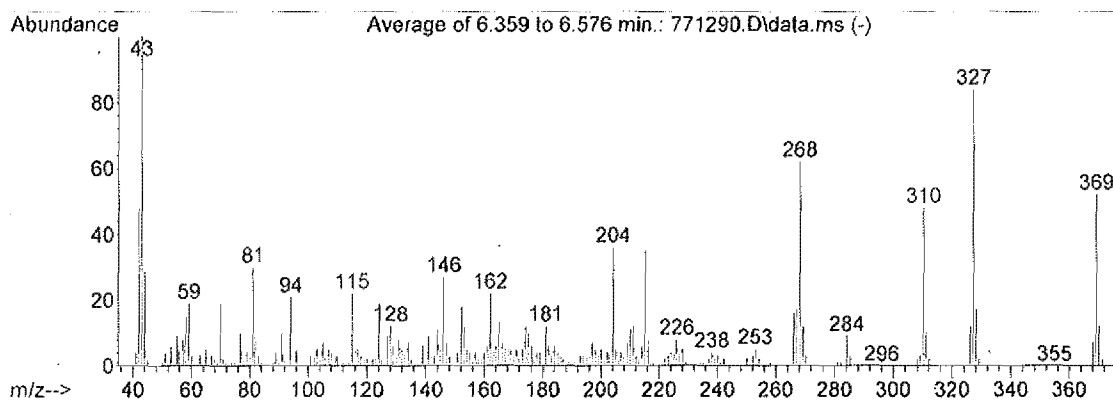
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771290.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 14:38
Sample Name : HEROIN STD
Submitted by : ASD
Vial Number : 66
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

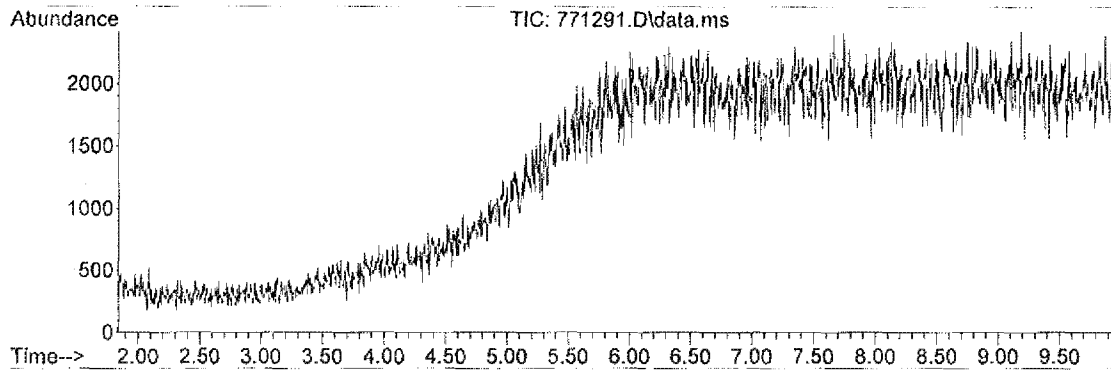
PK#	RT	Library/ID	CAS#	Qual
1	6.41	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771291.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 14:51
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



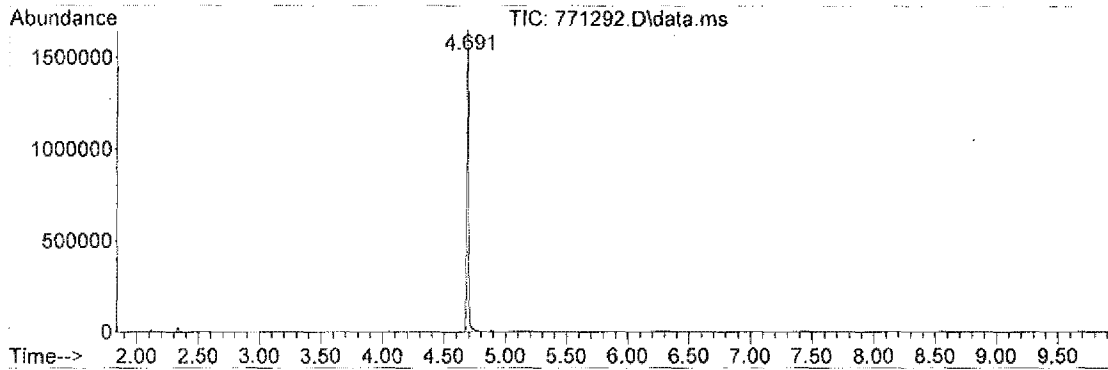
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771292.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:03
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 92
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.691	1730578	100.00	100.00

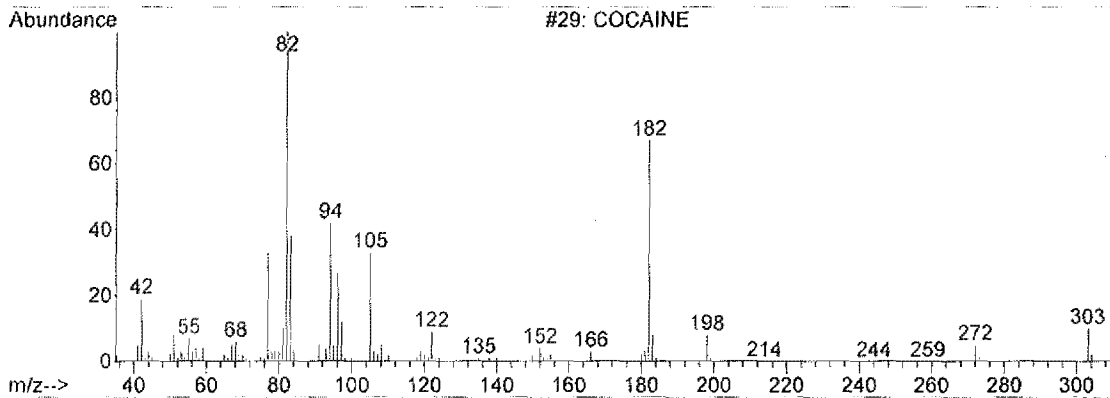
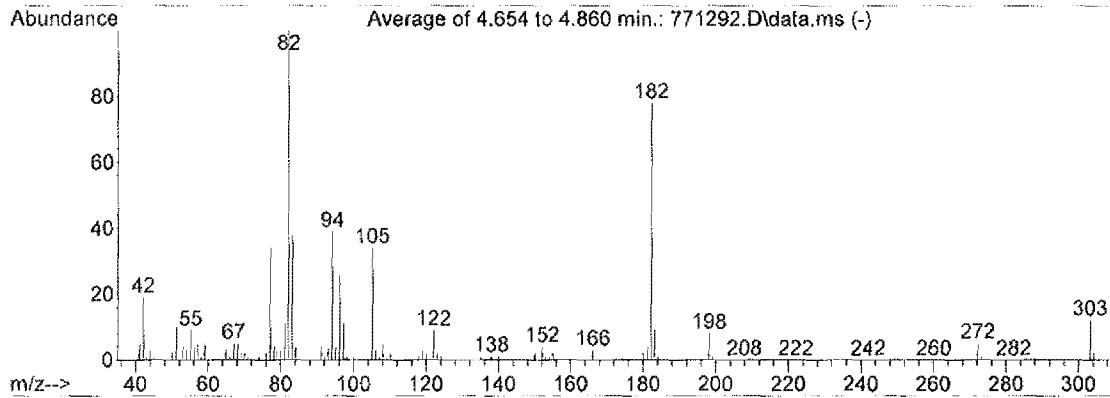
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771292.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:03
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 92
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

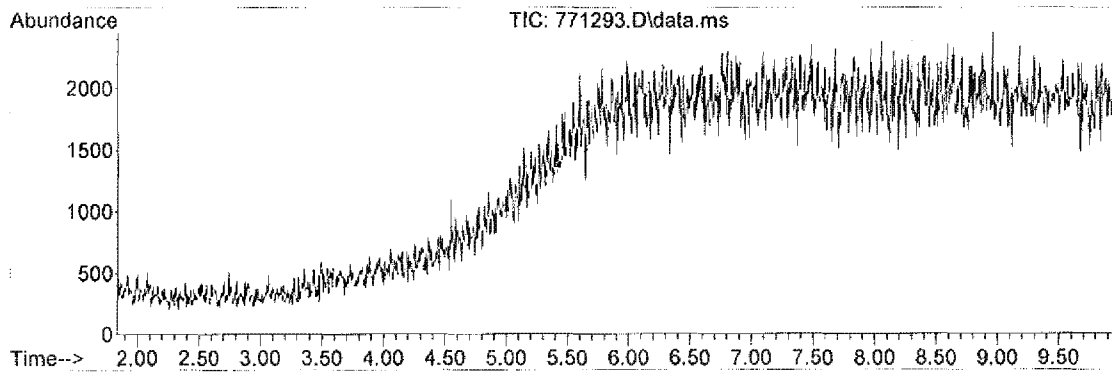
PK#	RT	Library/ID	CAS#	Qual
1	4.69	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771293.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 15:16
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



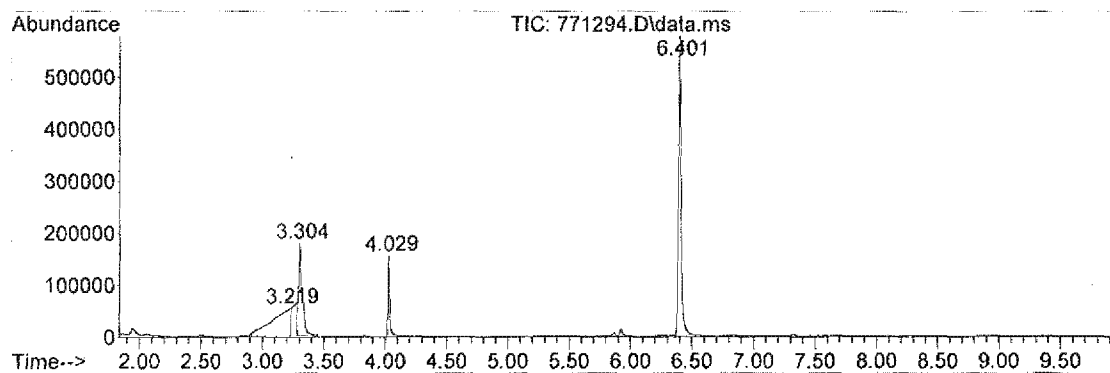
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771294.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:28
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 94
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.219	574511	28.69	65.03
3.304	376069	18.78	42.57
4.029	168376	8.41	19.06
6.401	883400	44.12	100.00

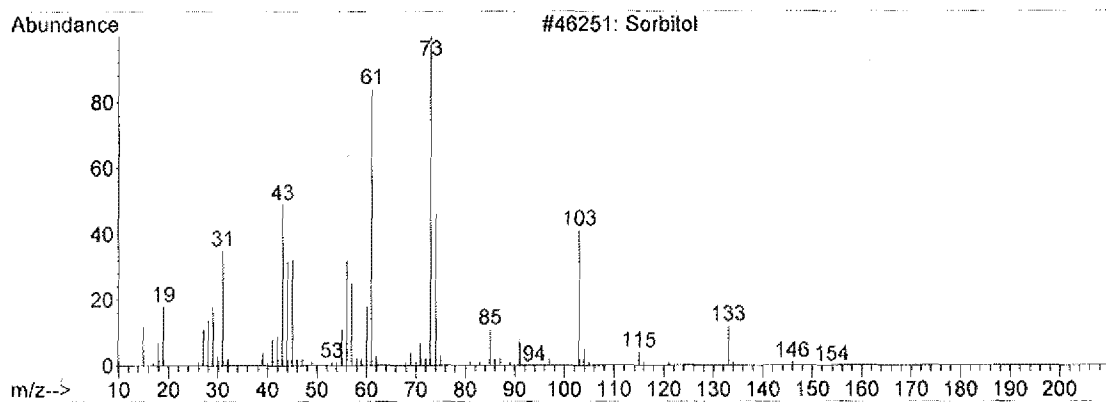
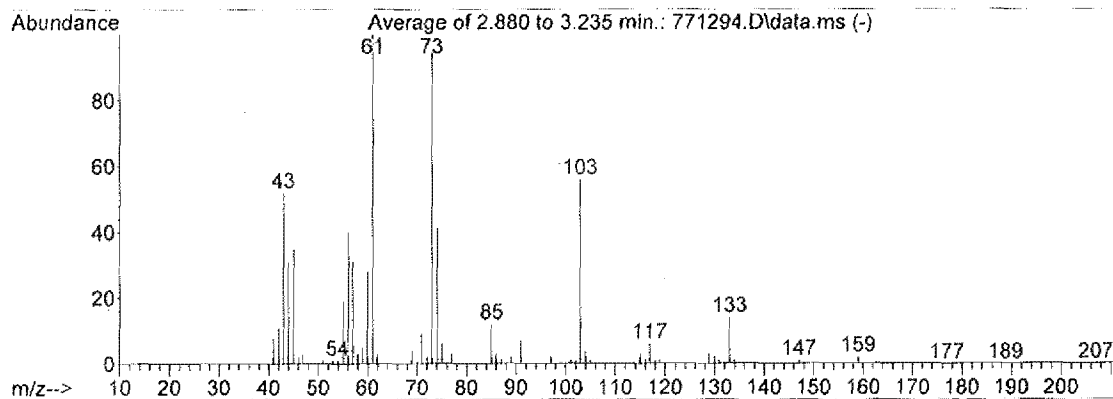
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771294.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 15:28
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 94
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.22	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	80
		Xylitol	000087-99-0	64



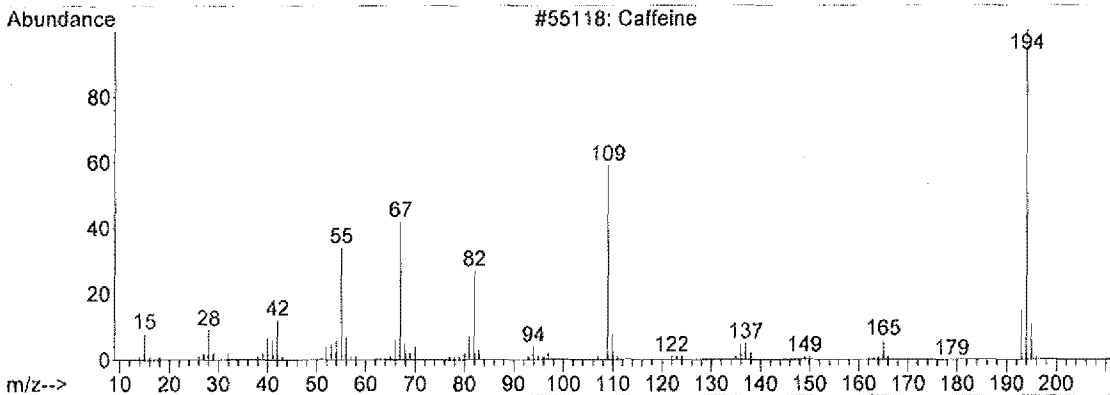
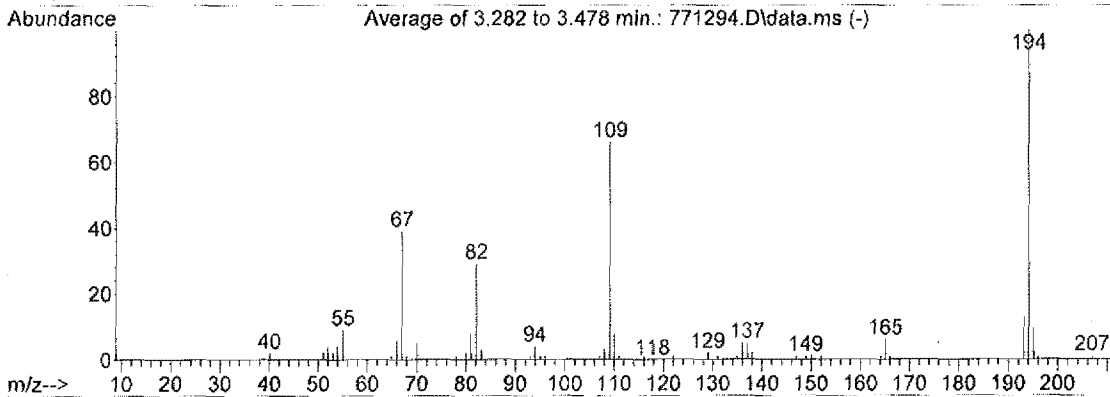
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771294.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:28
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 94
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.30	C:\Database\NIST08.L		
		Caffeine	000058-08-2	97
		Caffeine	000058-08-2	97
		Caffeine	000058-08-2	95



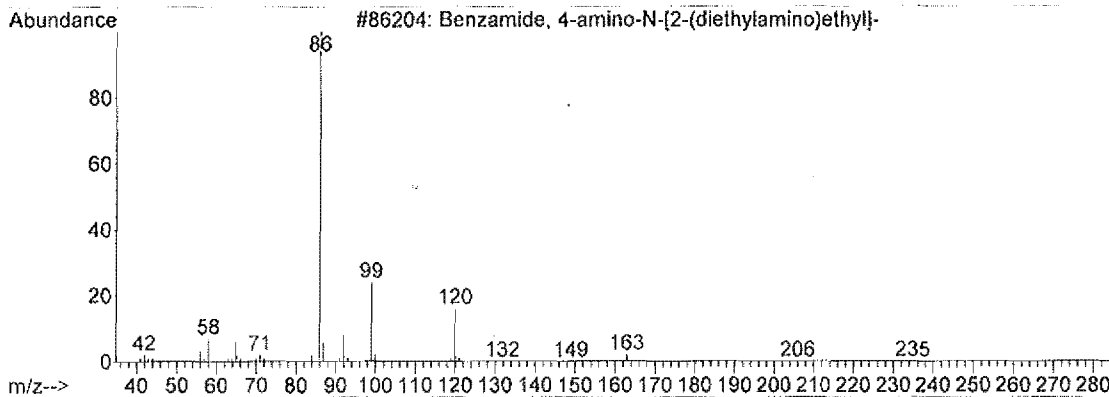
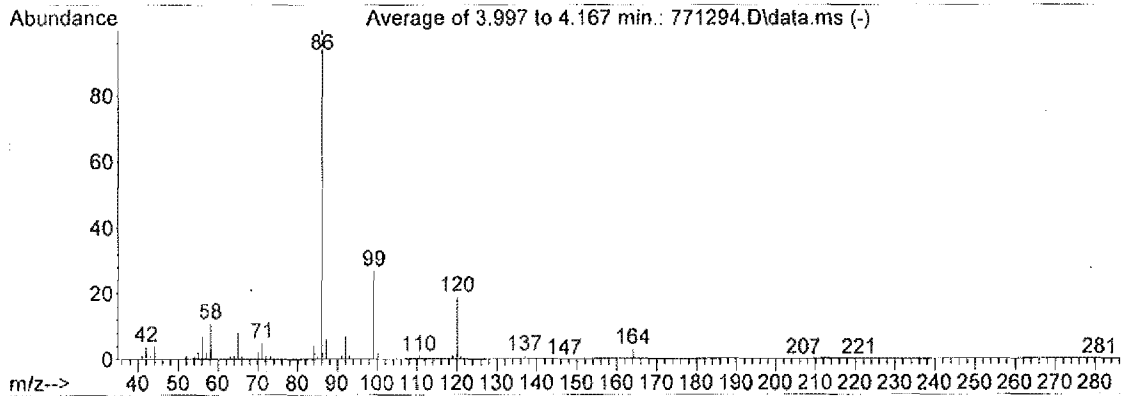
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771294.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:28
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 94
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	4.03	C:\Database\NIST08.L		
		Benzamide, 4-amino-N-[2-(diethylami	000051-06-9	90
		Benzamide, 4-amino-N-[2-(diethylami	000051-06-9	83
		Benzoic acid, 4-amino-, 2-(diethyla	000059-46-1	83



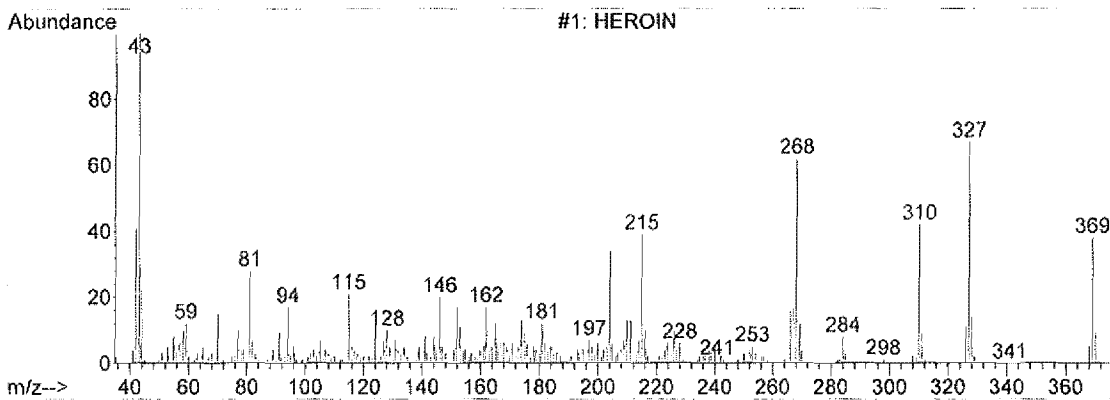
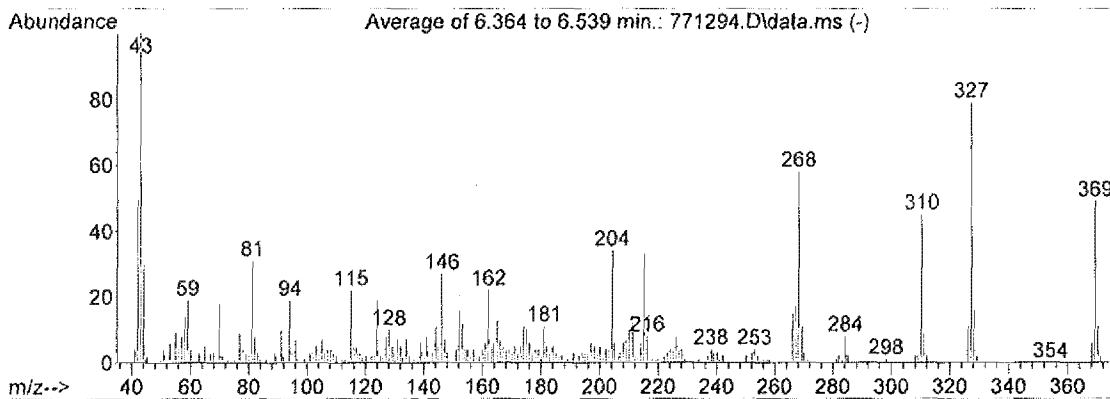
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771294.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:28
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 94
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

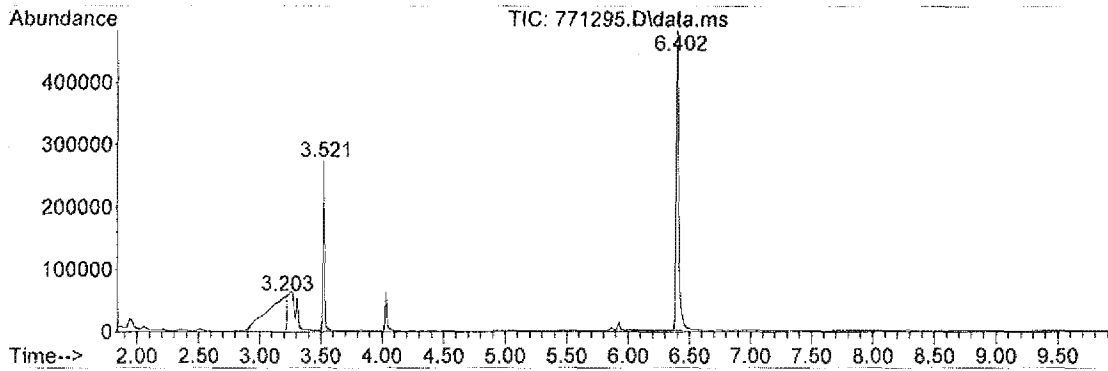
PK#	RT	Library/ID	CAS#	Qual
4	6.40	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771295.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:41
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.203	599125	37.83	80.37
3.521	239304	15.11	32.10
6.402	745428	47.06	100.00

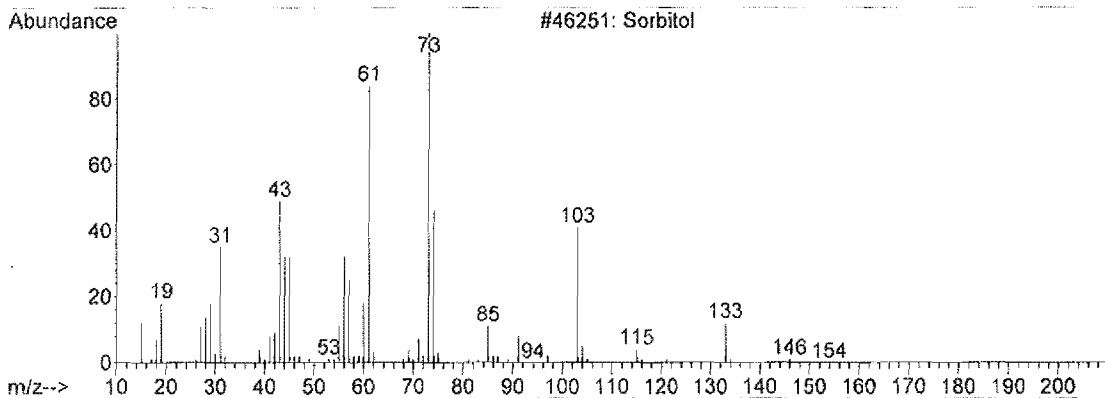
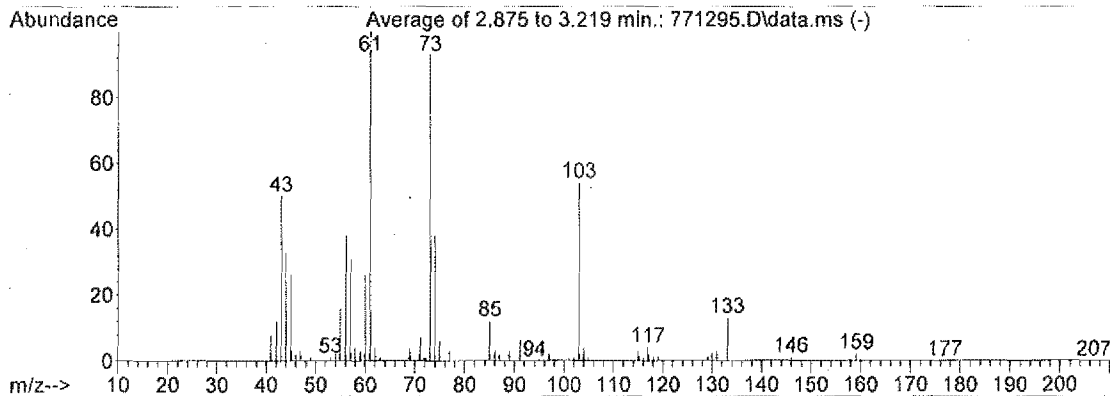
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771295.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:41
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.20	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	80
		D-Mannitol	000069-65-8	72



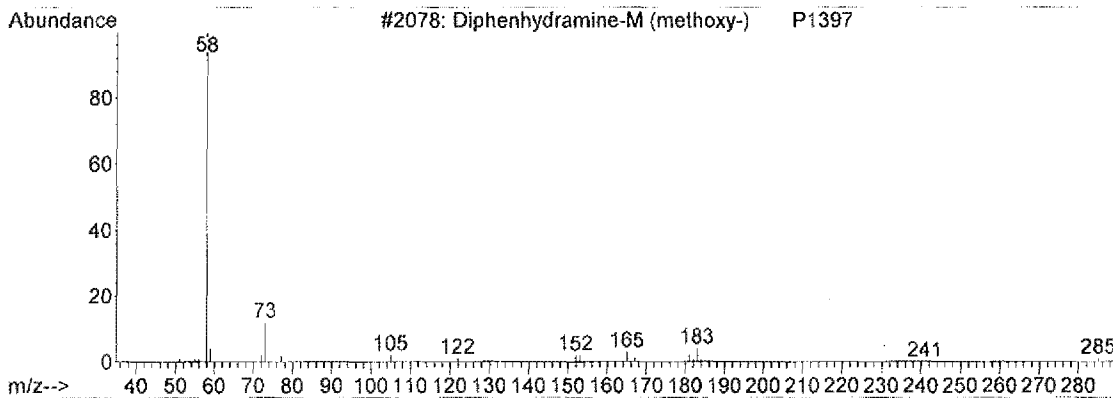
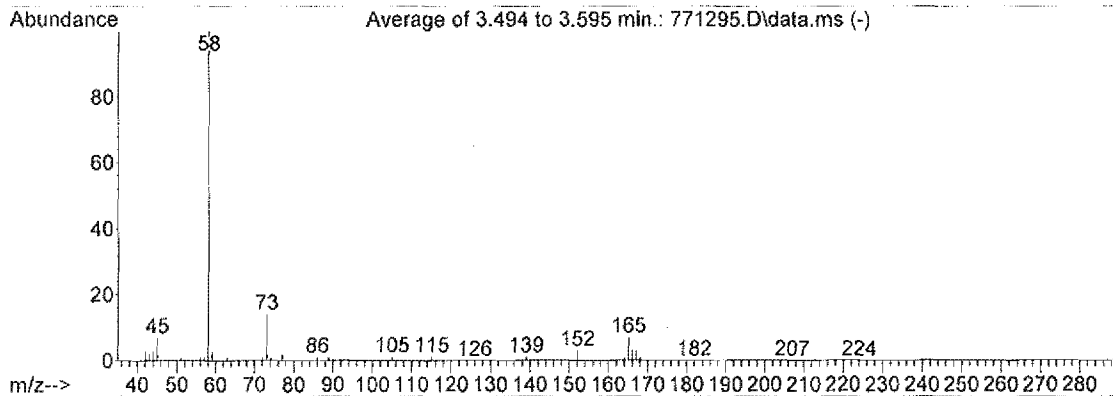
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771295.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:41
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.52	C:\Database\PMW_TOX2.L		
		Diphenhydramine-M (methoxy-)	000000-00-0	56
		Diphenhydramine	000058-73-1	47
		Diltiazem	042399-41-7	9



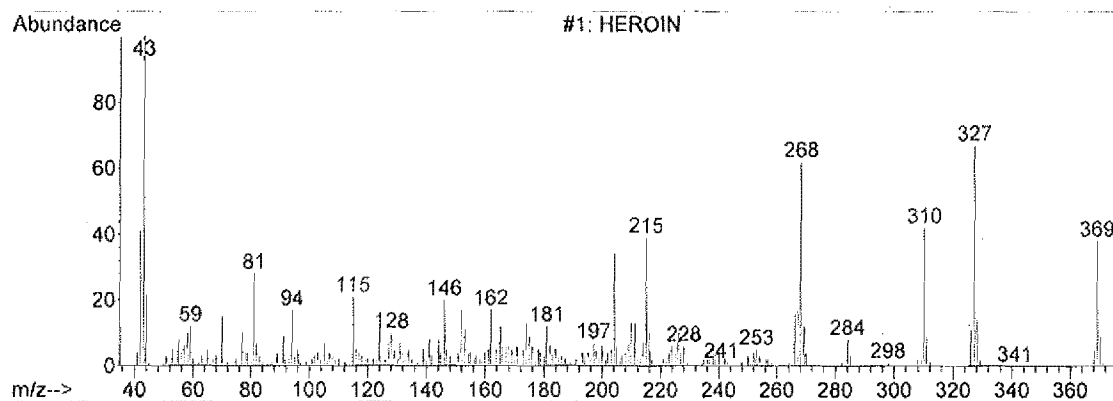
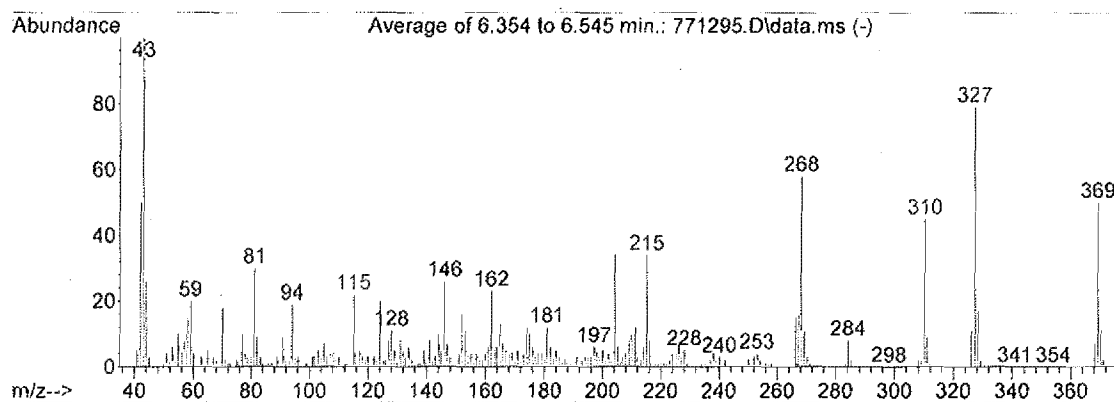
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771295.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 15:41
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 95
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

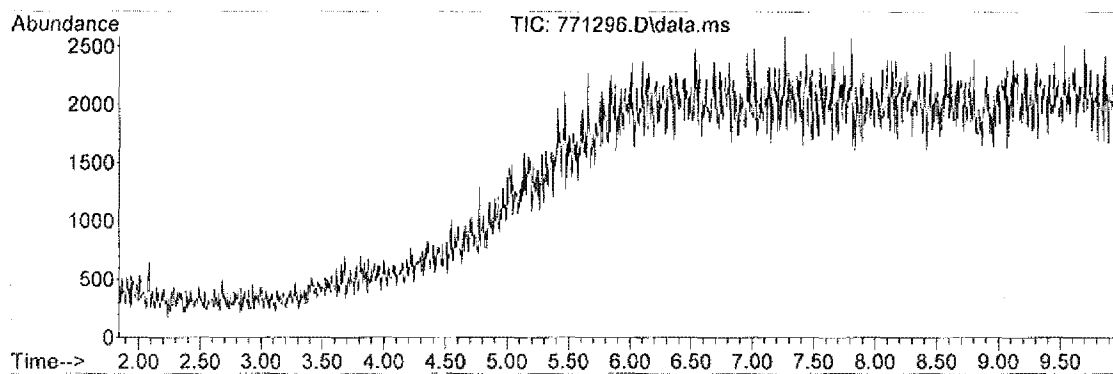
PK#	RT	Library/ID	CAS#	Qual
3	6.40	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771296.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 15:53
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



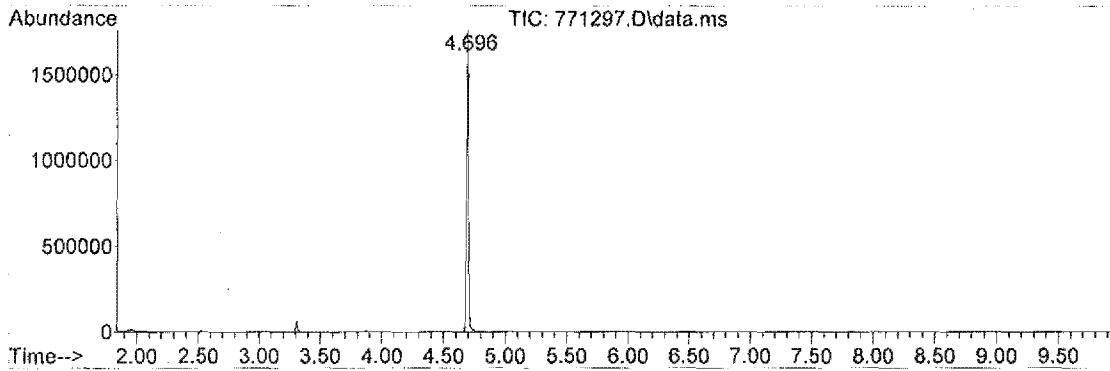
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771297.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 16:05
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 97
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.696	1937066	100.00	100.00

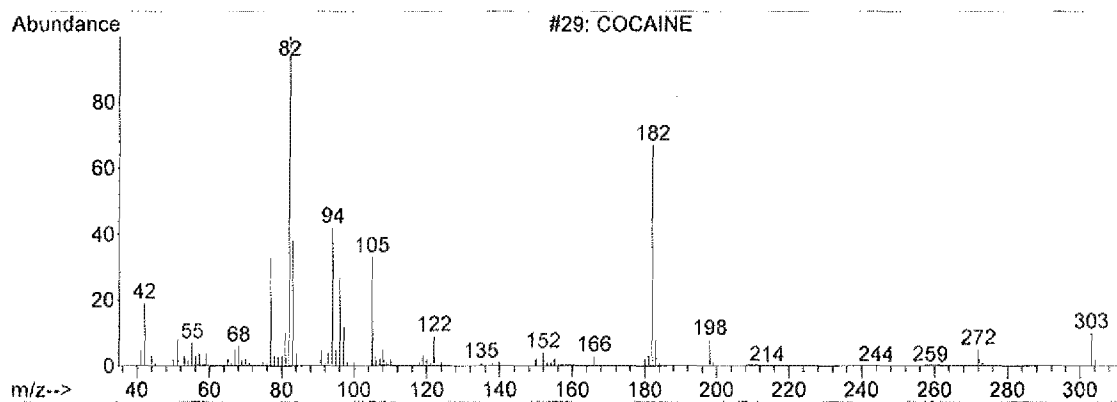
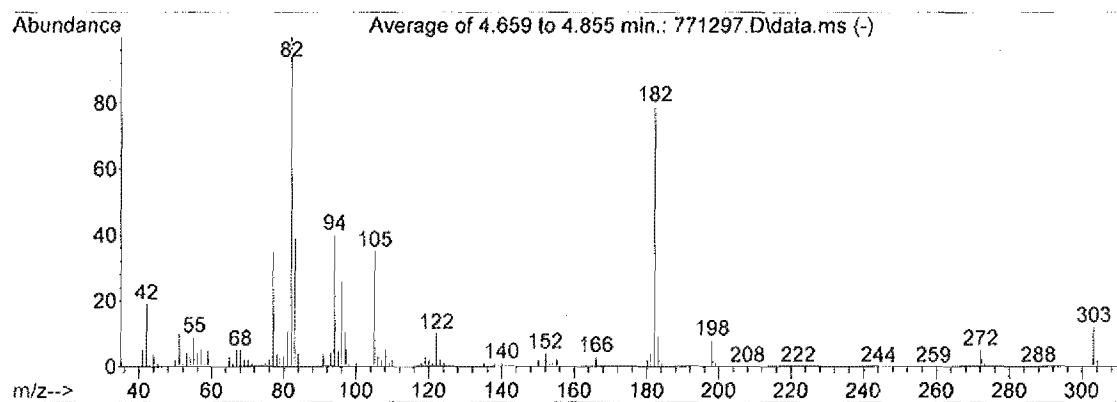
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771297.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 16:05
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 97
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

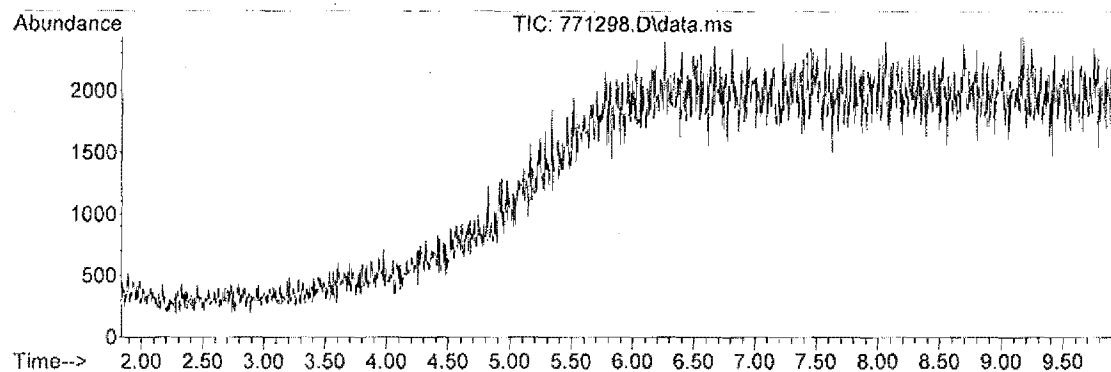
PK#	RT	Library/ID	CAS#	Qual
1	4.70	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\771298.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 16:18
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



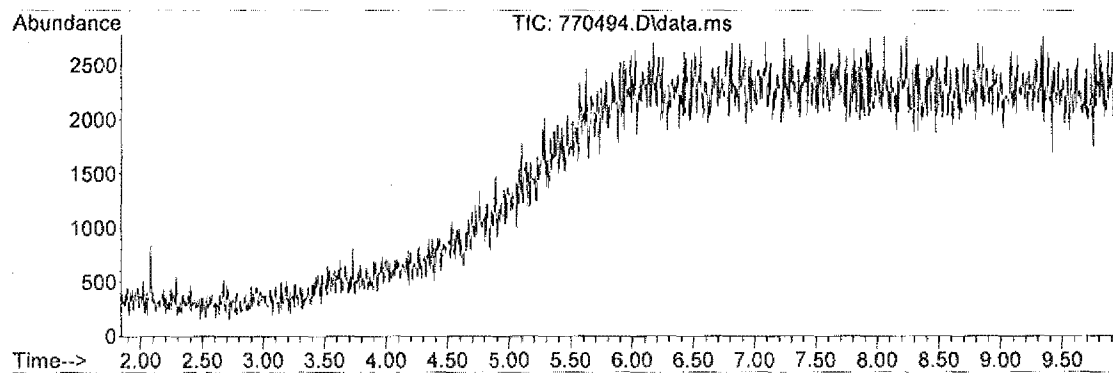
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770494.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 18:48
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



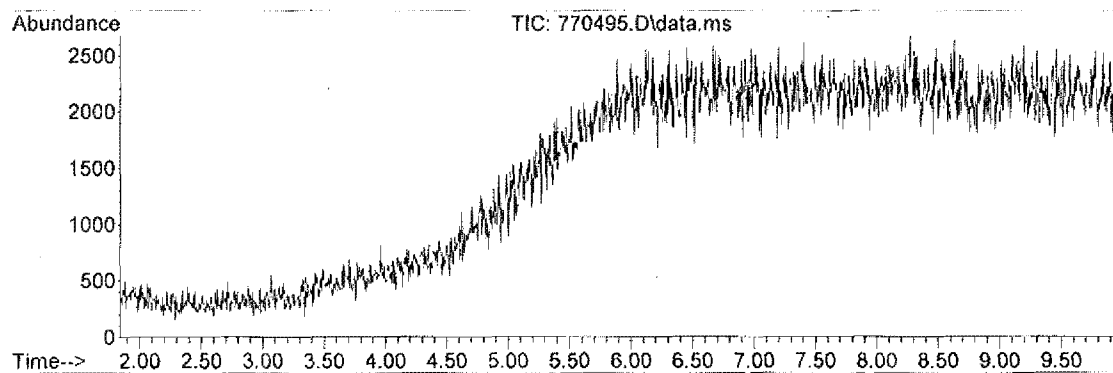
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770495.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 19:00
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



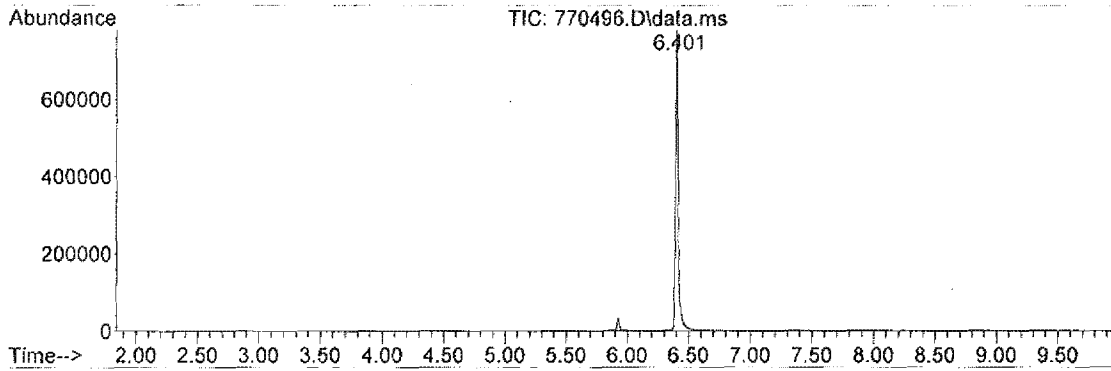
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770496.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 19:13
 Sample Name : HEROIN STD
 Submitted by : ASD
 Vial Number : 66
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.401	1216875	100.00	100.00

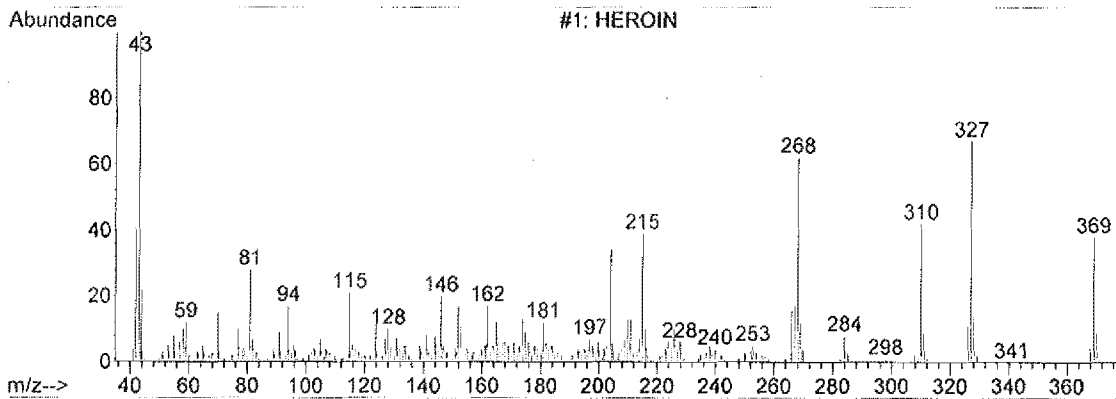
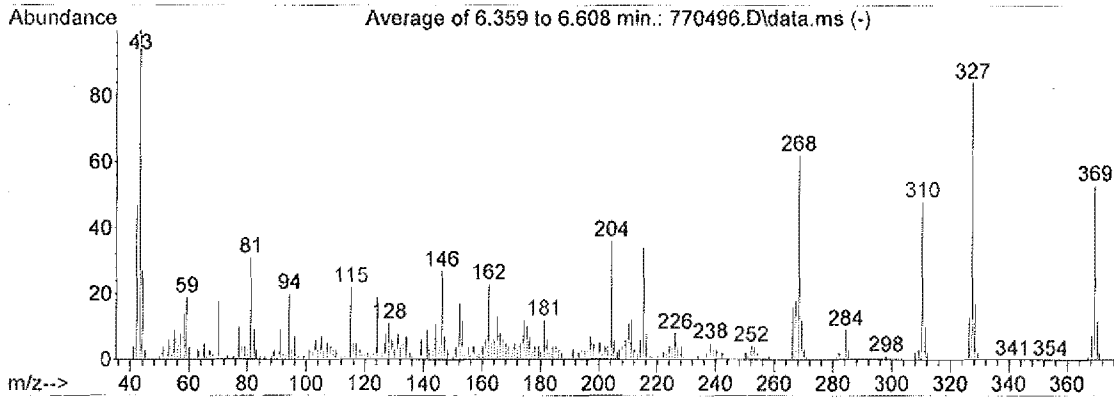
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770496.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 19:13
 Sample Name : HEROIN STD
 Submitted by : ASD
 Vial Number : 66
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

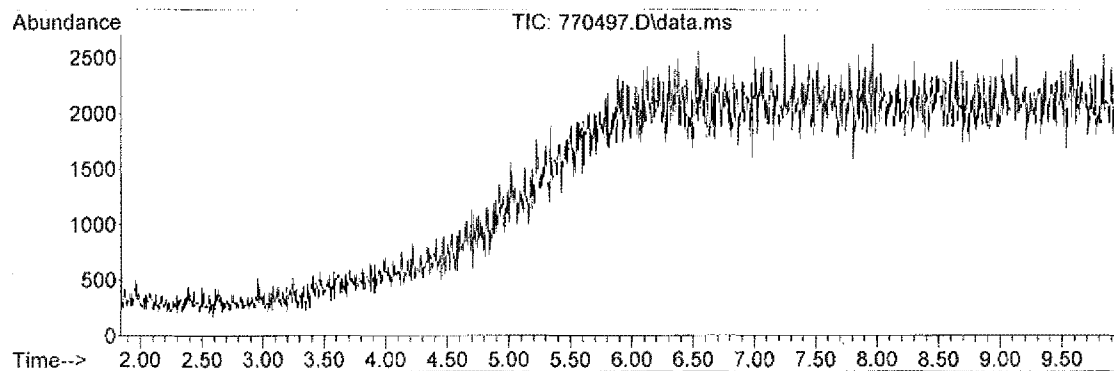
PK#	RT	Library/ID	CAS#	Qual
1	6.40	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770497.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 19:25
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



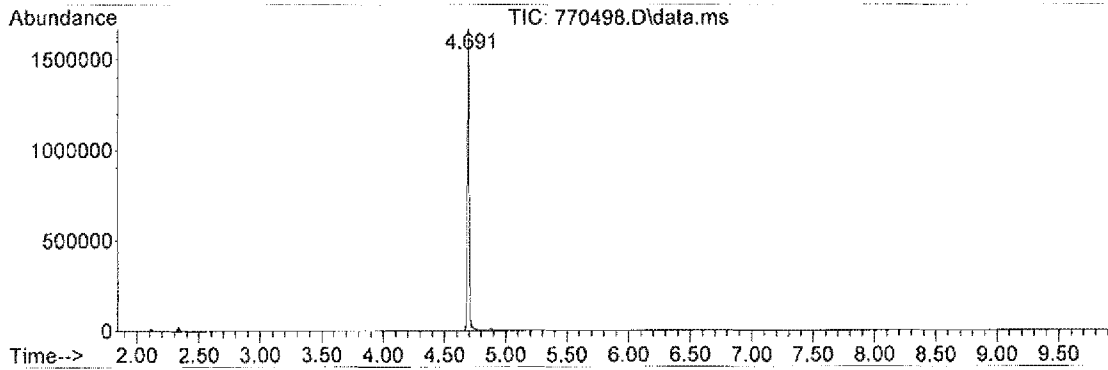
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770498.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 19:38
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 92
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.691	1693960	100.00	100.00

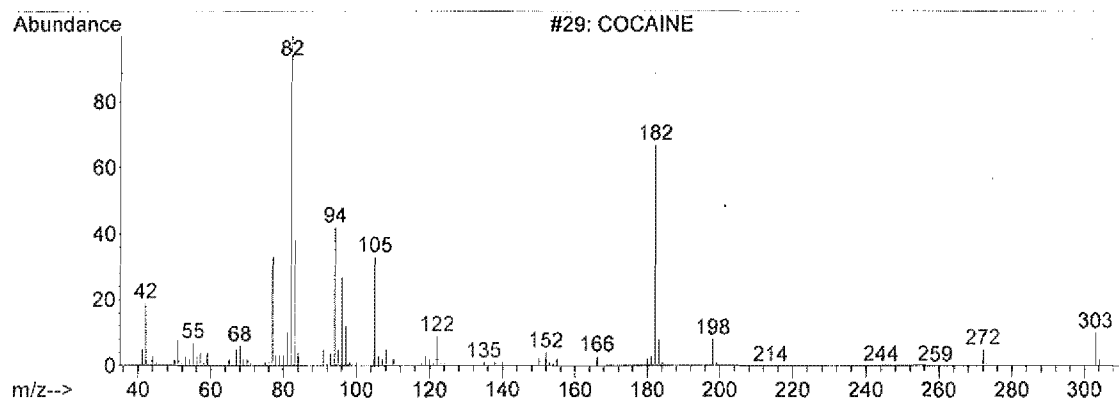
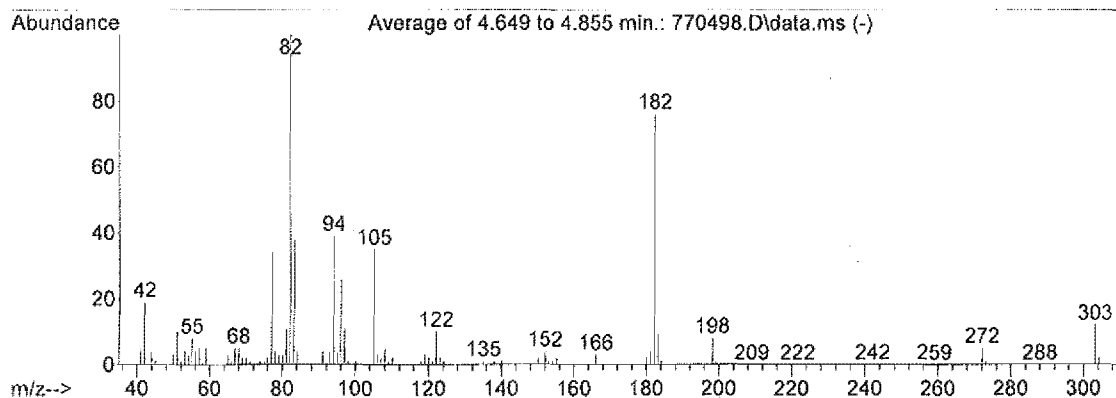
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770498.D
 Operator : ASD/KAC
 Date Acquired : 12 Feb 2011 19:38
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 92
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

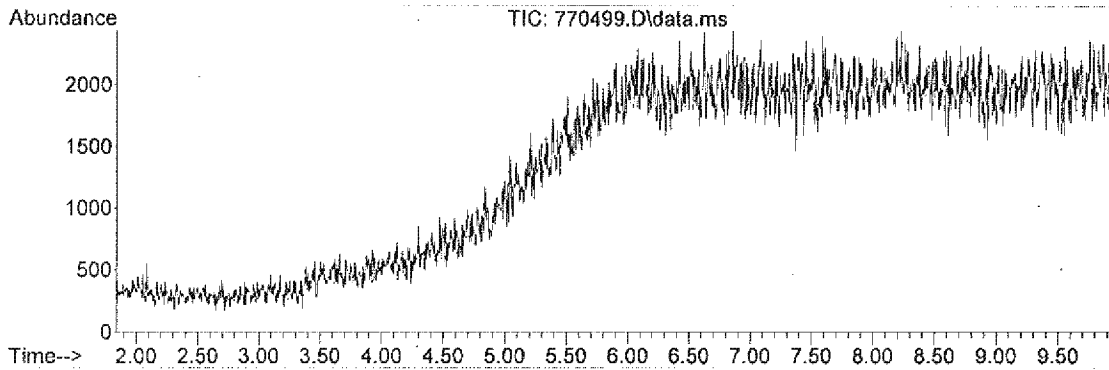
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System7\02_11_11\770499.D
Operator : ASD/KAC
Date Acquired : 12 Feb 2011 19:50
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS